Week Ending January 7, 1983

NOTICE

In order to reduce the burden on reporting companies in the weekly program, the API has made certain changes in the Weekly Statistical Bulletin.

Beginning with this issue, the Weekly Statistical Bulletin will no longer carry data on kerosine production, stocks and imports. Foreign crude oil runs have also been eliminated, as well as, stocks of foreign crude oil. Only total crude oil runs (foreign and domestic combined) and total crude oil stocks (foreign and domestic combined) will be carried.

Refinery district detail on product stocks has been eliminated except for PAD 1 which will be segregated into New England, Central Atlantic and Lower Atlantic.

Separate reporting on certain imports such as petrochemical feedstocks, special naphthas, plant condensate, and asphalt have been eliminated. These products will be combined under the heading "Other" which will also include lubricants, waxes, aviation gasoline and miscellaneous product imports not otherwise identified in the report. Number 4 fuel oil has been combined with distillate fuel oil.

Production of motor gasoline has been segregated into finished leaded and unleaded motor gasoline. Stocks of motor gasoline have been segregated into stocks of finished leaded and unleaded motor gasoline and motor gasoline components. Imports of motor gasoline will be reported as finished leaded or unleaded motor gasoline.

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *JANUARY 7, 1983* **NO. 1**

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 01/07/83	Last Week Ending: 12/31/82	Last Year Week Ending: 01/08/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,056	11,994	12,405	+ 62	- 349
Operable capacity	16,663	16,663	17,822	0	- 1,159
Percent operated	72.4	72.0	69.6		
Motor Gasoline					
Total motor gasoline production	6,365	6,607	6,558	- 242	- 193
Finished leaded motor gasoline production	3,108	*N/A*	*N/A*	*N/A*	*N/A*
Finished unleaded motor gasoline production	3,257	*N/A*	*N/A*	*N/A*	*N/A*
Total motor gasoline stocks	246,292	240,564	258,093	+ 5,728	- 11,801
Finished leaded motor gasoline stocks	102,080	*N/A*	*N/A*	*N/A*	*N/A*
Finished unleaded motor gasoline stocks	98,689	96,861	97,997	+ 1,828	+ 692
Distillate Fuel Oil					
Distillate fuel oil production	2,463	2,671	2,875	- 208	- 412
Distillate fuel oil stocks	177,900	179,869	189,066	- 1,969	- 11,166
Residual Fuel Oil					
Residual fuel oil production	1,132	1,013	1,327	+ 119	- 195
Residual fuel oil stocks	68,039	67,187	82,175	+ 852	- 14,136
Imports					
Crude oil imports	2,925	3,127	4,323	- 202	- 1,398
Product imports	1,677	1,236	1,783	+ 441	- 106
Crude Oil Stocks					
Crude oil stocks	345,506	348,484	368,426	- 2,978	- 22,920

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 For Week Ended *JANUARY* 7, 1983 NO. 1

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,104	1,016	1,052	1,569	67.0
Appal. No. 1	71	70	70	98	71.4
DISTRICT 1 TOTAL	1,175	1,086	1,122	1,667	67.3
Appal. No. 2	67	64	67	66	101.5
Ind., Ill., Ky.	2,062	1,801	1,867	2,399	77.8
Minn., Wis., Daks.	279	262	277	293	94.5
Okla., Kans., Mo.	801	689	699	858	81.5
DISTRICT 2 TOTAL	3,209	2,816	2,910	3,616	80.5
Inland Texas	463	428	477	592	80.6
Texas Gulf Coast	2,945	2,452	2,732	3,993	68.4
La. Gulf Coast	2,174	1,985	2,088	2,728	76.5
N. La. and Ark.	147	129	138	314	43.9
New Mexico	105	94	97	117	82.9
DISTRICT 3 TOTAL	5,834	5,088	5,532	7,744	71.4
DISTRICT 4 TOTAL	455	433	440	553	79.6
DISTRICT 5 TOTAL	2,113	2,003	2,052	3,083	66.6
TOTAL U.S.	12,786	11,426	12,056	16,663	72.4
TOTAL U.S. Weeks Ended:					
DEC. 31, 1982	12,672	11,620	11,994	16,663	72.0
JAN. 8, 1982	13,293	12,149	12,405	17,822	69.6
DISTRICTS 1–4 Weeks Ended:					
JAN. 7, 1983	10,673	9,423	10,004	13,580	73.7
DEC. 31, 1982	10,555	9,588	9,906	13,580	72.9
JAN. 8, 1982	11,201	10,157	10,374	14,698	70.6

API WEEKLY STATISTICAL BULLETIN
Week Ended *JANUARY* 7, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	576	202	374	21	28	269	143
Appal. No. 1	26	10	16	1	--	17	5
DISTRICT 1 TOTAL	602	212	390	22	28	286	148
Appal. No. 2	37	19	18	--	4	12	4
Ind., Ill., Ky.	1,216	595	621	14	115	345	177
Minn., Wis., Daks.	174	103	71	3	4	65	12
Okla., Kans., Mo.	443	268	175	6	22	206	14
DISTRICT 2 TOTAL	1,870	985	885	23	145	628	207
Inland Texas	223	118	105	25	11	81	22
Texas Gulf Coast	1,469	702	767	38	182	594●	175
La. Gulf Coast	944	462	482	14	182	351	175
N. La. and Ark.	59	26	33	4	--	40	15
New Mexico	27	25	2	19	--	41	8
DISTRICT 3 TOTAL	2,722	1,333	1,389	100	375	1,107●	395
DISTRICT 4 TOTAL	267	197	70	10	21	116	18
DISTRICT 5 TOTAL	904	381	523	29	207	326	304
TOTAL U.S.	6,365	3,108	3,257	184	776	2,463	1,132
TOTAL U.S. **Weeks Ended:**							
DEC. 31, 1982	6,607	*N/A*	*N/A*	176	784	2,671●	1,013
JAN. 8, 1982	6,558	*N/A*	*N/A*	143	811	2,875	1,327
DISTRICTS 1-4 **Weeks Ended:**							
JAN. 7, 1983	5,461	2,727	2,734	155	569	2,137	768
DEC. 31, 1982	5,597	*N/A*	*N/A*	136	586	2,342●	670
JAN. 8, 1982	5,626	*N/A*	*N/A*	111	606	2,532	1,060

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*

NA-Not Available.

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,573	3,233	3,323	--	62	718	15,138	2,856	--
Central Atlantic	33,559	13,988	14,386	5,373	825	4,417	44,390	26,957	13,000
Lower Atlantic	27,629	13,393	14,065	--	86	4,429	17,431	5,702	439
DISTRICT 1 TOTAL	67,761	30,614	31,774	5,373	973	9,564	76,959	35,515	13,439
DISTRICT 2 TOTAL	71,223●	32,841	28,477	9,905	1,278	7,061	50,589	5,805	17,450
DISTRICT 3 TOTAL	69,385	24,162	25,793	19,430	2,545	9,571	34,261	16,437	43,991
DISTRICT 4 TOTAL	8,899	4,128	2,190	2,581	320	700	3,861	552	2,756
DISTRICT 5 TOTAL	29,024	10,335	10,455	8,234	1,307	5,273	12,230	9,730	25,619
TOTAL U.S.	246,292	102,080	98,689	45,523	6,423	32,169	177,900	68,039	103,255
TOTAL U.S. Weeks Ended:									
DEC. 31, 1982	240,564●	*N/A*	96,861	*N/A*	5,954	32,230	179,869	67,187	102,773
JAN. 8, 1982	258,093	*N/A*	97,997	*N/A*	6,476	33,713	189,066	82,175	109,953
DISTRICTS 1-4 Weeks Ended:									
JAN. 7, 1983	217,268	91,745	88,234	37,289	5,116	26,896	165,670	58,309	77,636
DEC. 31, 1982	211,886●	*N/A*	86,300	*N/A*	4,605	26,792	167,713	57,974	77,278
JAN. 8, 1982	226,229	*N/A*	86,284	*N/A*	5,030	27,404	176,176	71,945	84,448

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *JANUARY* 7, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *AUG.* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
JAN. 7, 1983	5,851.5	5,813.0	2,618	182	269,705
DEC. 31, 1982	5,851.5	--	2,942	162	267,368
DEC. 24, 1982	5,851.5	--	2,441	168	273,124
DEC. 17, 1982	5,851.5	--	2,968	181	273,750
DISTRICT 5 TOTAL					
JAN. 7, 1983	2,767.5	2,807.0	307	20	75,801 *
DEC. 31, 1982	2,767.5	--	185	--	81,116
DEC. 24, 1982	2,767.5	--	193	36	80,405
DEC. 17, 1982	2,767.5	--	234	15	84,051
TOTAL U.S.					
JAN. 7, 1983	8,619.0	8,620.0	2,925	202	345,506 *
DEC. 31, 1982	8,619.0	--	3,127	162	348,484
DEC. 24, 1982	8,619.0	--	2,634	204	353,529
DEC. 17, 1982	8,619.0	--	3,202	196	357,801
JAN. 8, 1982	8,309.0/*A*	--	4,323	150	368,426

INCLUDES 26,210 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR DECEMBER 1981.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
JAN. 7, 1983	18,405	77,318	161,001	12,981	269,705	75,801 *	345,506 *
DEC. 31, 1982	18,068	76,214	159,945	13,141	267,368	81,116	348,484
JAN. 8, 1982	20,900	81,963	165,725	14,937	283,525	84,901	368,426

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	151	2	--	--	153
Central Atlantic	124	71	53	3	5	66	165	3	97	66	529
Lower Atlantic	--	--	--	--	--	--	157	--	--	--	157
DISTRICT 1 TOTAL											
JAN. 7, 1983	124	71	53	3	5	66	473	5	97	66	839
DEC. 31, 1982	160	*N/A*	49	--	--	74	448	9	9	2	702
DEC. 24, 1982	149	*N/A*	50	7	9	66	403	11	4	27	676
DEC. 17, 1982	169	*N/A*	49	7	11	105	447	5	15	22	781
DISTRICTS 2-4 TOTAL											
JAN. 7, 1983	4	1	3	--	--	1	56	215	369	98	743
DEC. 31, 1982	20	*N/A*	--	--	--	--	120	200	76	8	424
DEC. 24, 1982	10	*N/A*	--	--	--	1	69	205	54	60	399
DEC. 17, 1982	12	*N/A*	2	--	--	--	58	200	18	72	360
DISTRICT 5 TOTAL											
JAN. 7, 1983	36	23	13	--	1	7	19	15	9	8	95
DEC. 31, 1982	35	*N/A*	12	--	--	7	54	14	--	--	110
DEC. 24, 1982	51	*N/A*	13	1	1	7	19	15	--	5	99
DEC. 17, 1982	38	*N/A*	12	1	1	6	15	13	7	10	91
TOTAL U.S.	164	95	69	3	6	74	548	235	475	172	1,677
TOTAL U.S. Weeks Ended:											
DEC. 31, 1982	215	*N/A*	61	--	--	81	622	223	85	10	1,236
DEC. 24, 1982	210	*N/A*	63	8	10	74	491	231	58	92	1,174
DEC. 17, 1982	219	*N/A*	63	8	12	111	520	218	40	104	1,232
JAN. 8, 1982	144	*N/A*	68	--	--	226	996	292	89	26	1,783

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

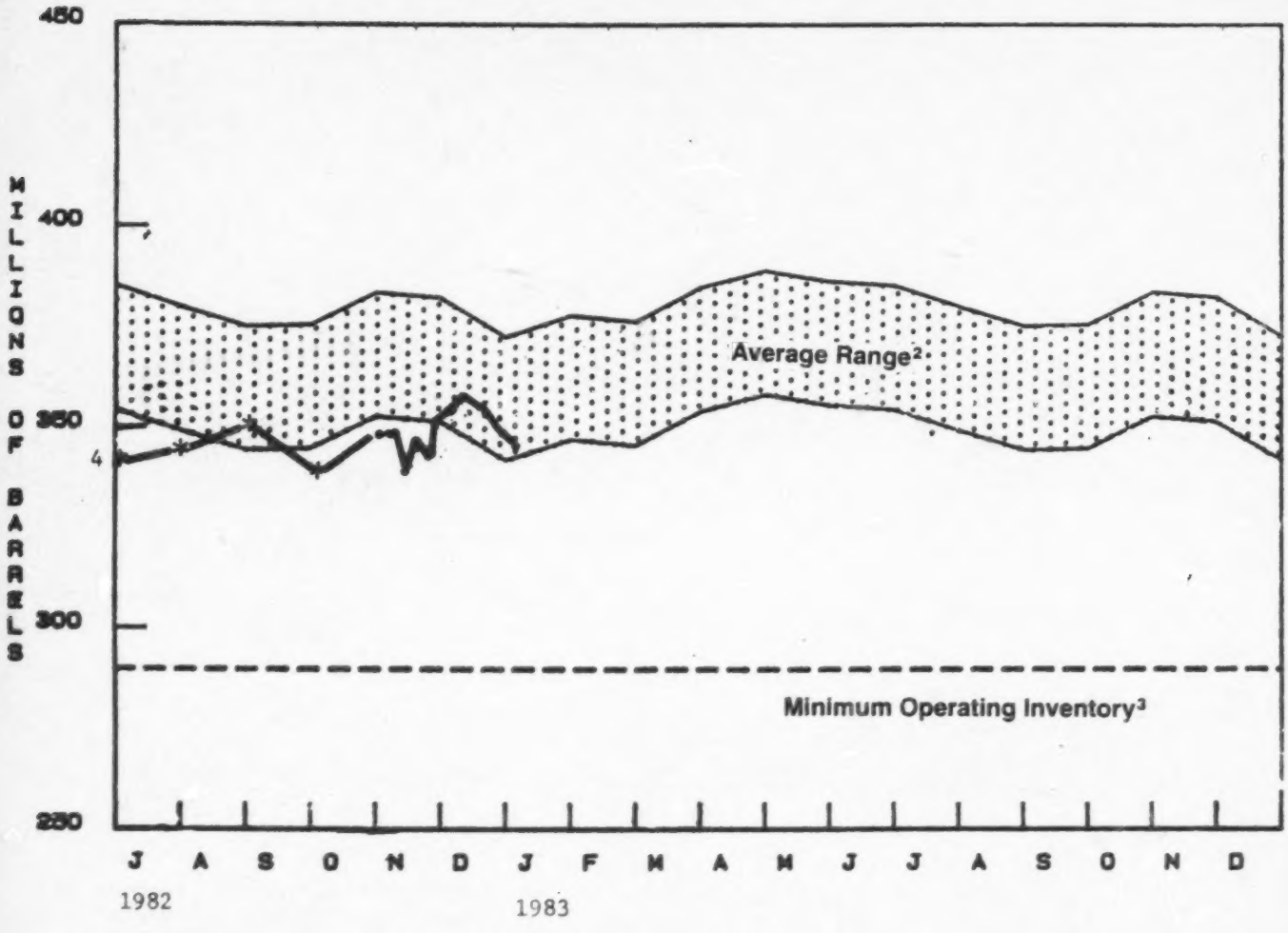
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

12/31/82	PAGE 2	DISTILLATE FUEL	TEXAS GULF COAST	632
			DISTRICT 3 TOTAL	1,256
			TOTAL U.S.	2,671
			DISTRICTS 1-4	2,342
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	67,799
			TOTAL U.S.	240,564
			DISTRICTS 1-4	211,886

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

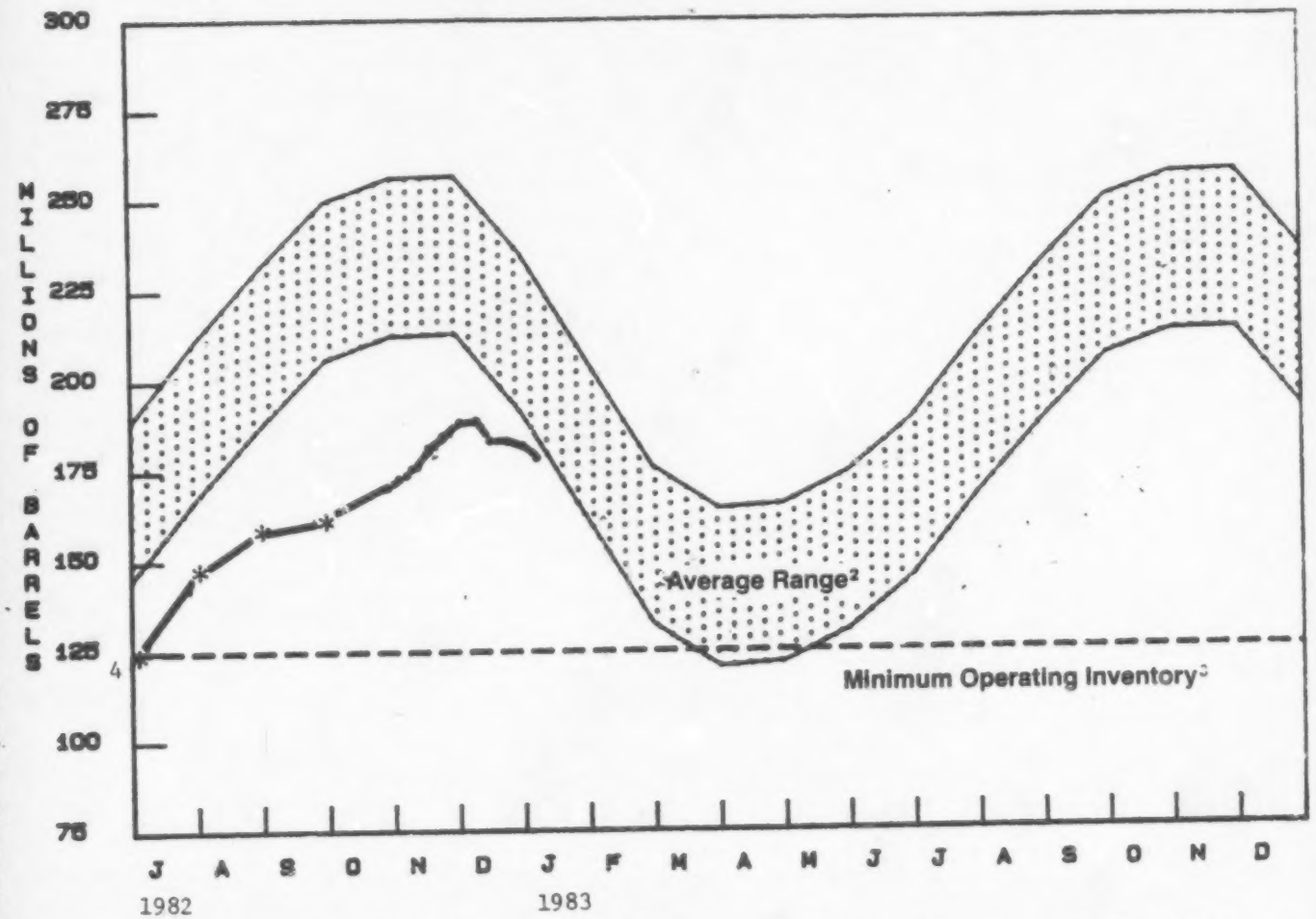
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

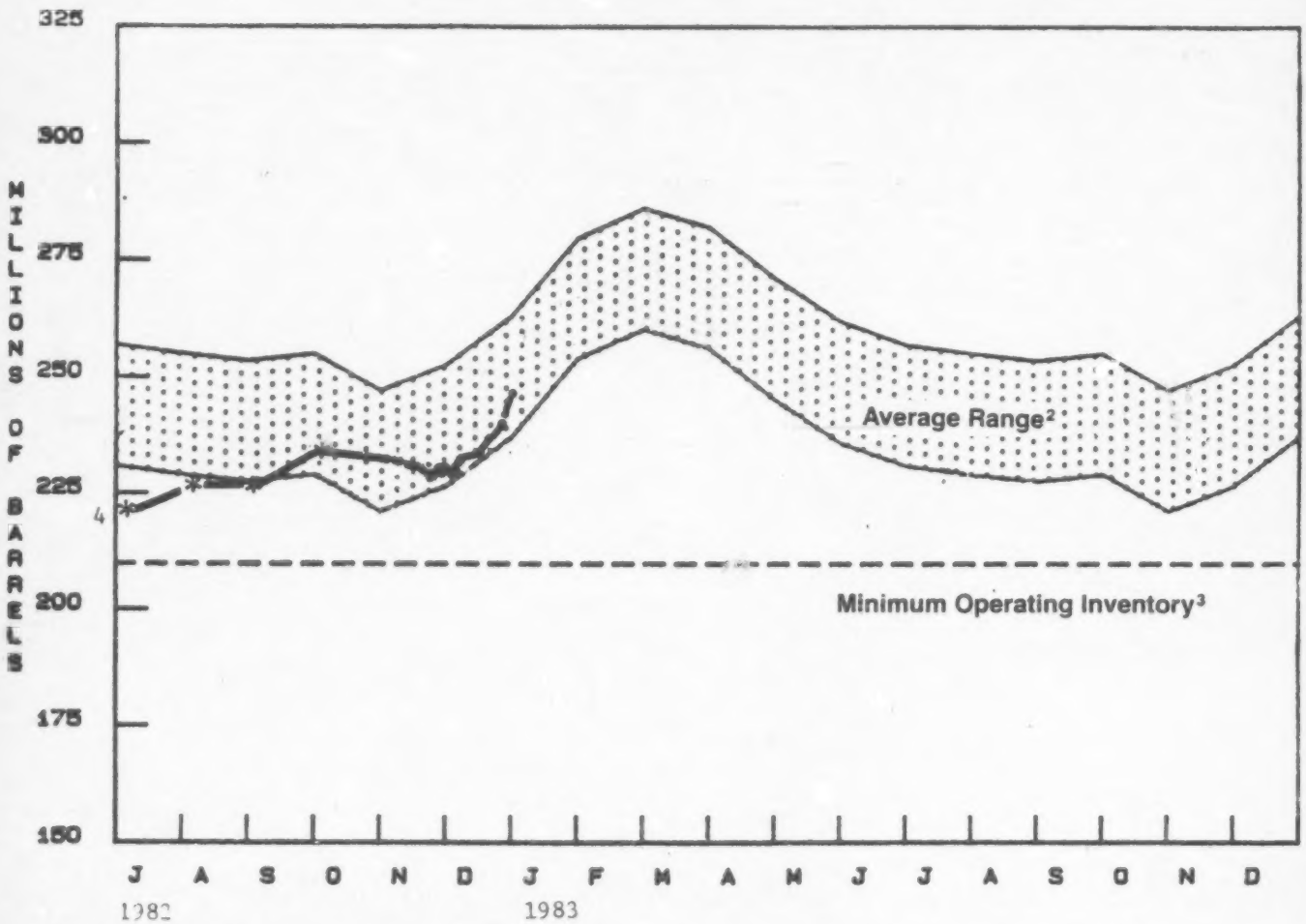
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended JANUARY 7, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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•— API, "Weekly Statistical Bulletin."

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